

Fig. 1

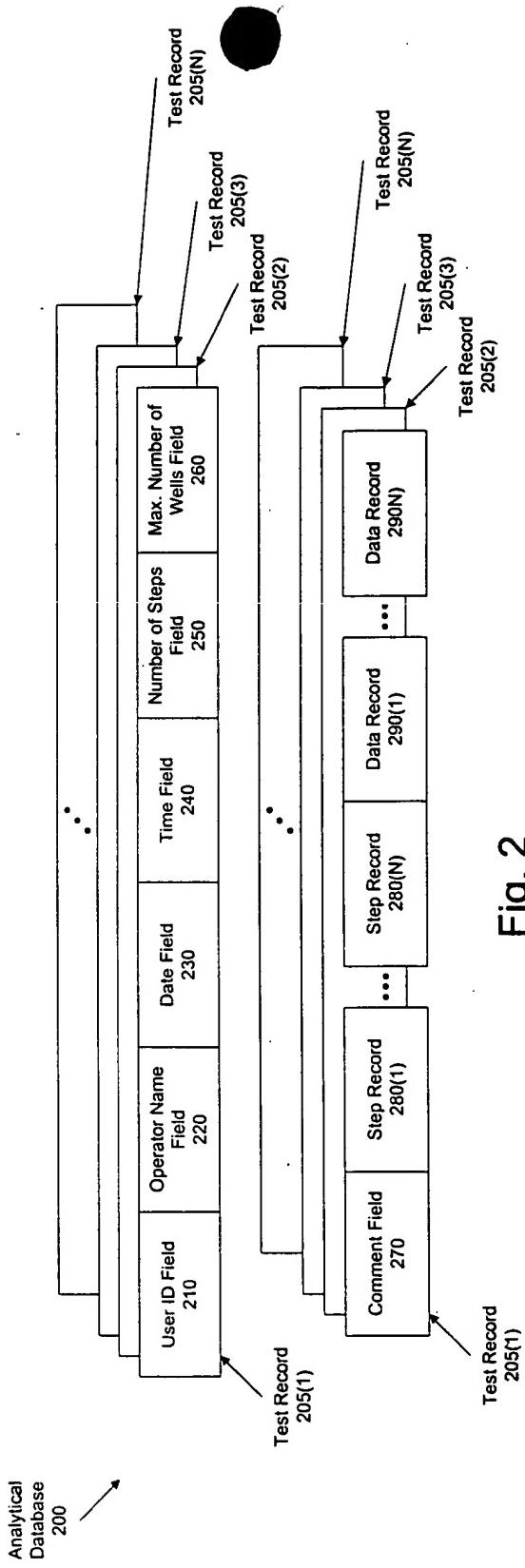


Fig. 2

Step Number Field	Number of Wells Field	Step Duration Field	Sample Well ID Field 340(1)	Sample Current Field 341(1)	Sample Well ID Field 340(N)	Sample Current Field 341(N)	Load/Waste Well ID Field 350(1)	Load/Waste Current Field 351(1)
310	320	330						
...								

Step Record 300

Load/Waste Well ID Field 350(N)	Load/Waste Current Field 351(N)	Buffer Well ID Field 360(1)	Buffer Current Field 361(1)	Buffer Well ID Field 360(N)	Buffer Current Field 361(N)
...					

Fig. 3

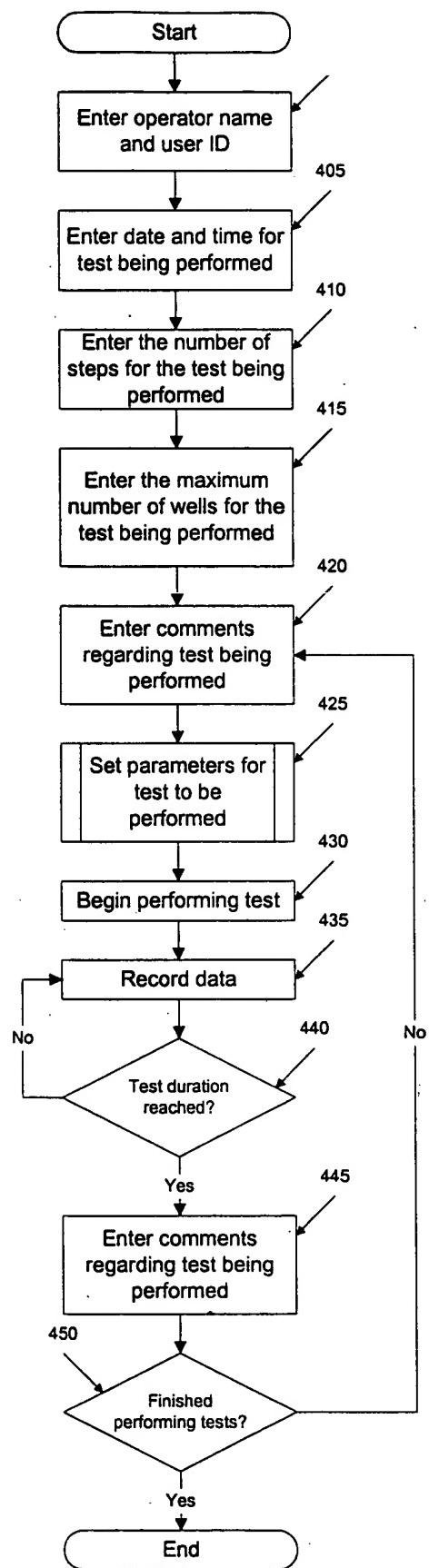


Fig. 4

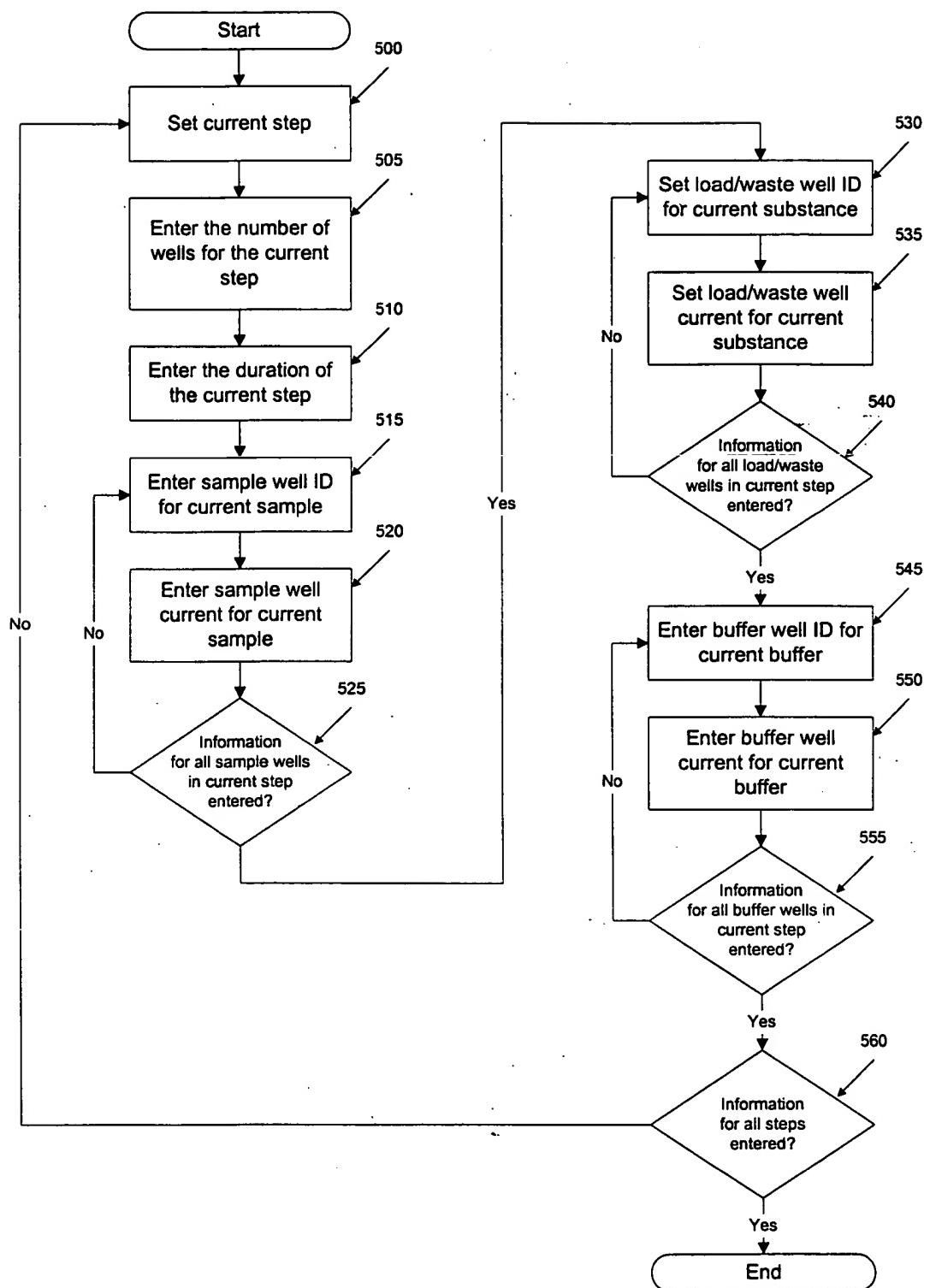


Fig. 5

606 608 610 612 614 616 618 620 622 624 626 628 630 632 634 636 638 640

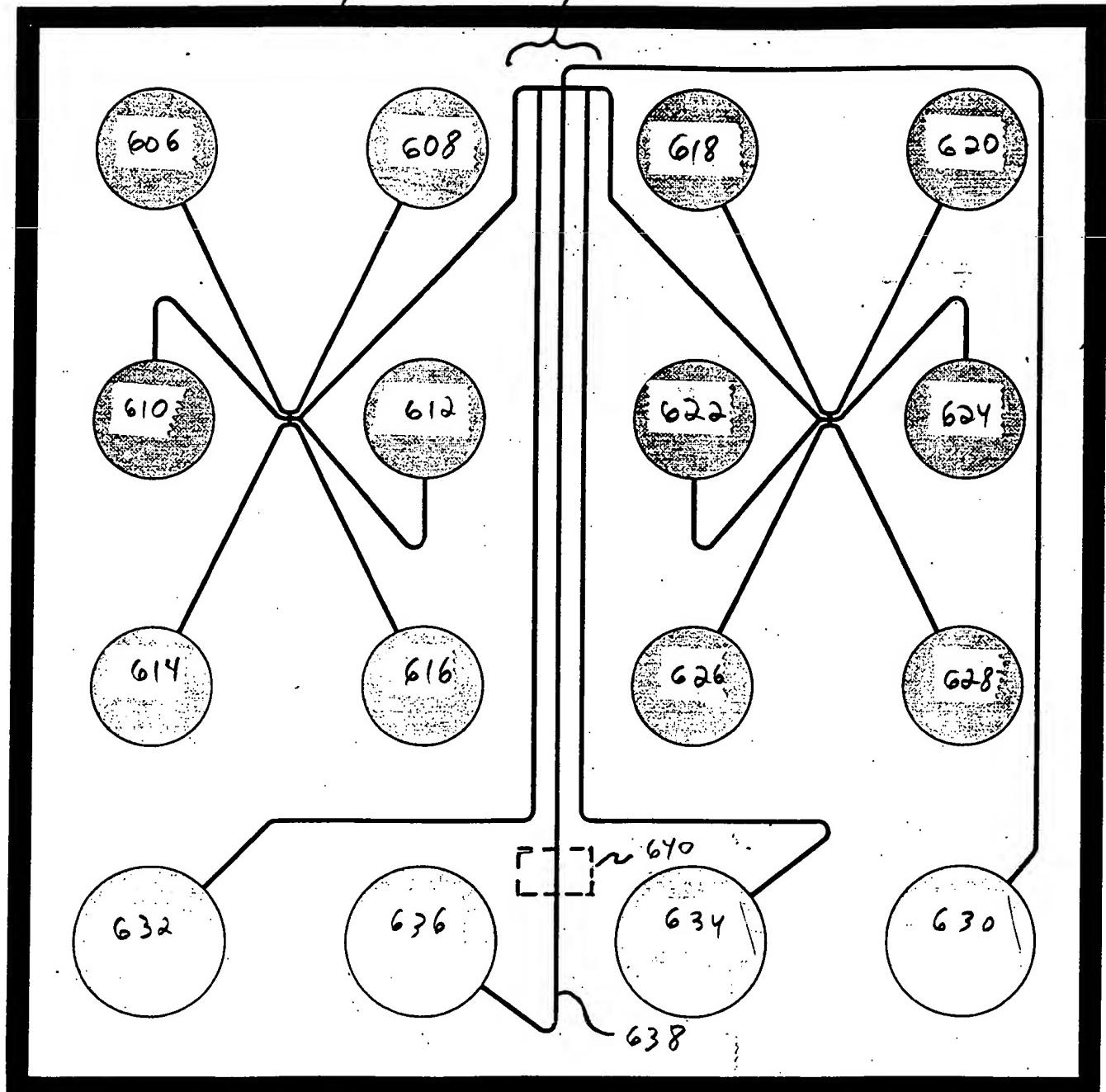


Fig. 6

STEP	DURATION (SECONDS)	SAMPLE WELL ID	SAMPLE WELL	LOAD/WASTE	BUFFER WELL	BUFFER WELL ID	BUFFER WELL CURRENT (μA)
			CURRENT (μA)	WELL ID	CURRENT (μA)	WELL ID	
1	45	606	-7	632	10	636	-2
2	5	606	-7	634	10	636	-2
3	1	606	5	634	5	630	-12
4	2	606	1	634	1	630	-8
5	85	608	-7	632	10	630	-7.5
6	5	608	-7	634	10	636	-2
7	1	608	5	634	5	630	-12
8	2	608	1	634	1	630	-8
9	85	610	-7	632	10	630	-7.5
10	5	610	-7	634	10	636	-2
11	1	610	5	634	5	630	-12
12	2	610	1	634	1	630	-8
13	85	612	-7	632	10	630	-7.5
14	5	612	-7	634	10	636	-2
15	1	612	5	634	5	630	-12
16	2	612	1	634	1	630	-8
17	85	614	-7	632	10	630	-7.5
18	5	614	-7	634	10	636	-2
19	1	614	5	634	5	630	-12
20	2	614	1	634	1	630	-8
21	85	616	-7	632	10	630	-7.5
22	5	616	-7	634	10	636	-2

FIG. 7

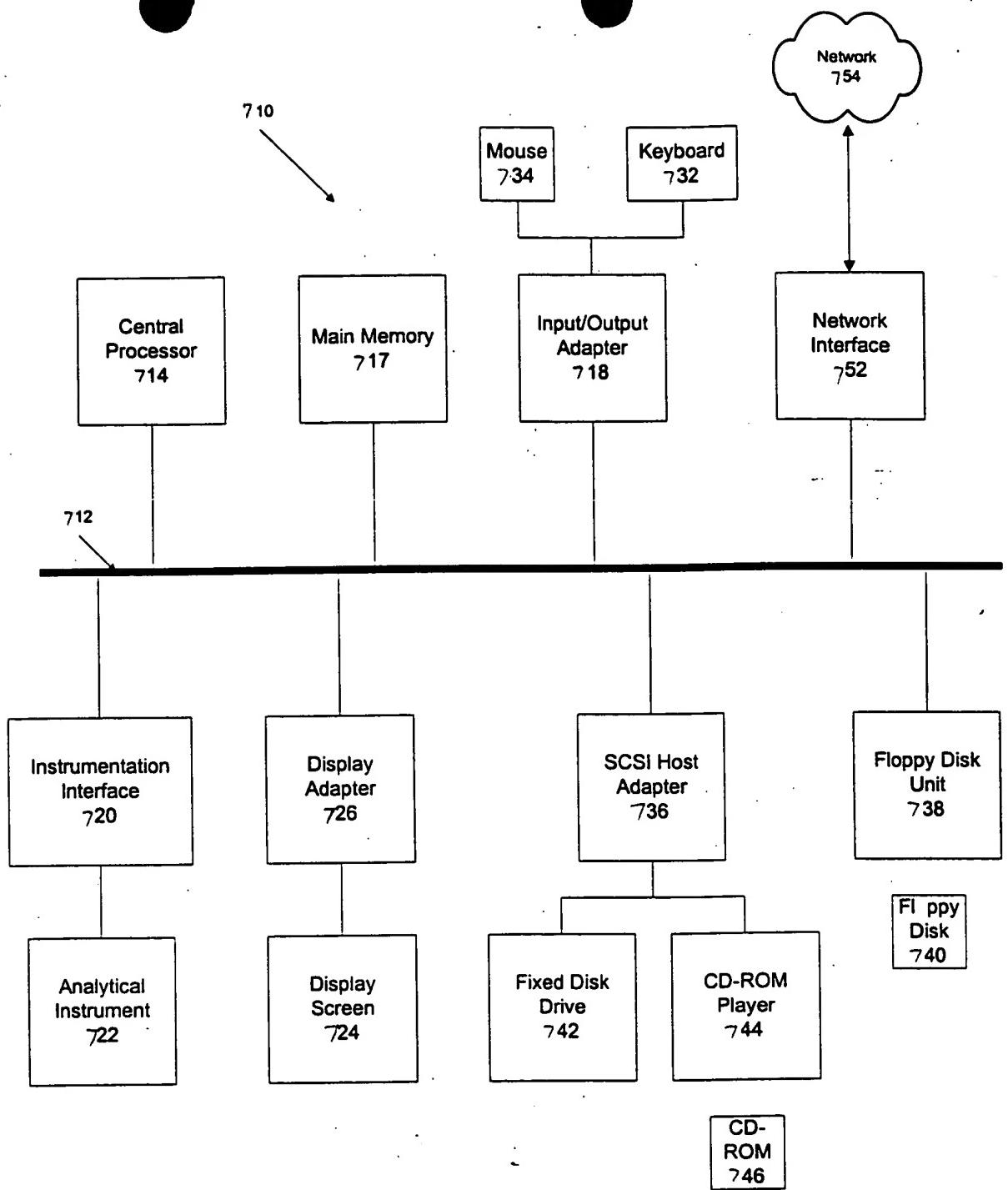


Fig. 5

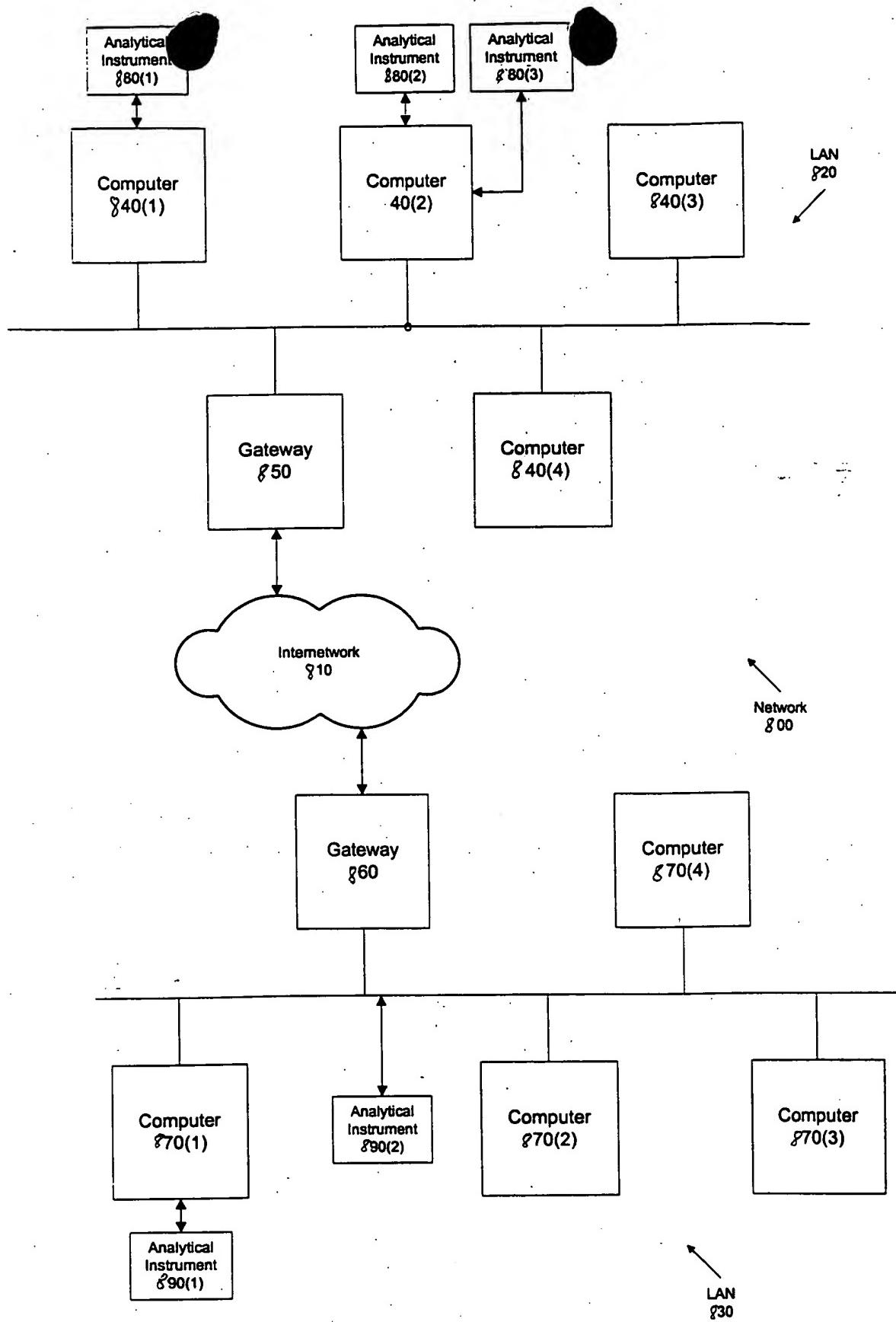


Fig. 9

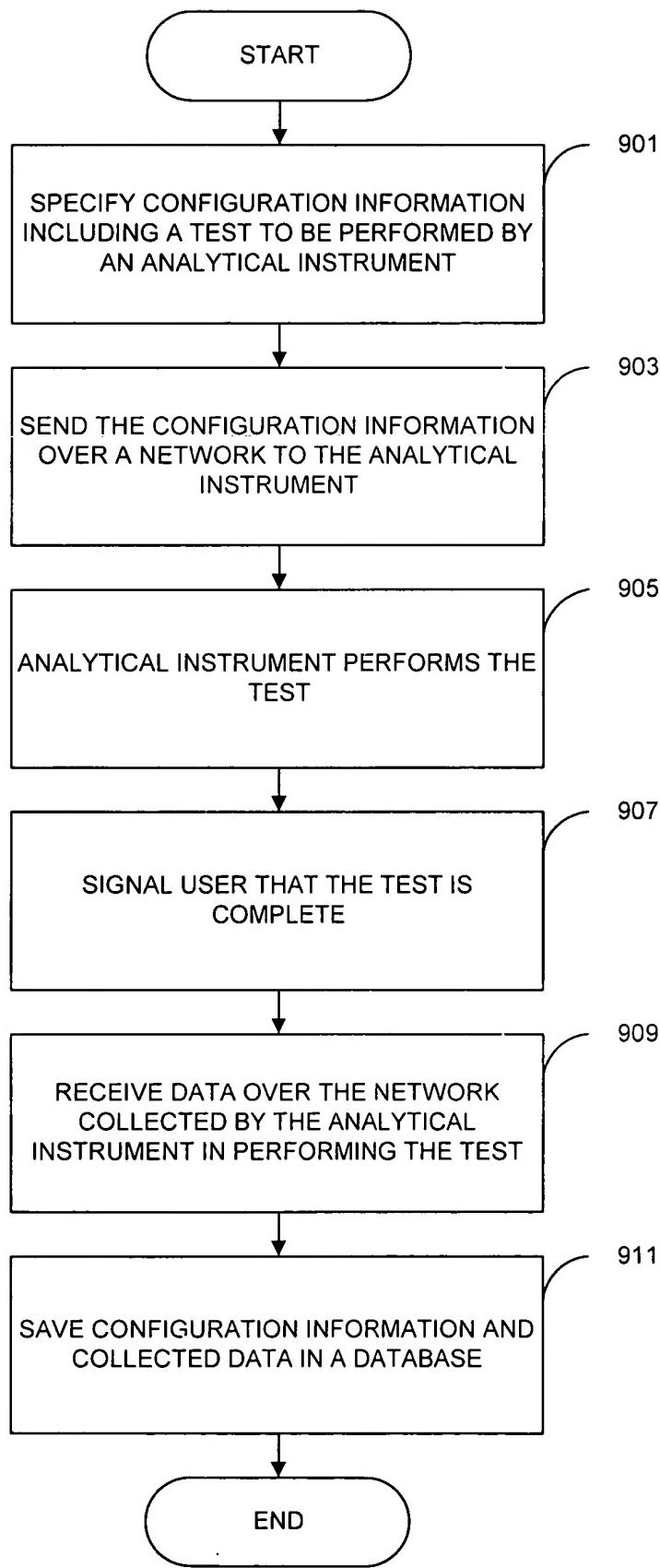


FIG. 10